4D70955 MHC Organizations
RG25

WMHC: New Equipment & Transmitter Records, 1989

Box 9 folder 7

Electronic Services Department

Mount Holyoke College 150 years

South Hadley, Massachusetts 01075

To: Wayne Cass

From: Bill Farrington

RE: A-V Requests

Date: January 26, 1987

The following are my thoughts on the Audio Visual Budget Requests.

Hooker Auditorium does have some problems which I believe are minor. The system is indeed limited to 2 mics, projectors and a cassette recorder. I find this situation adequate. The speaker system is marginal but functional. Given the architecture of the auditorium, the only way to obtain sound reinforcement in this space is to use good microphones and cluster the speaking panel as close as possible around the mics.

The Electronic or Fully Mediated Classroom proposal appears to be a very, if not too, versatile system. I spoke with Kacki St. Clair about this fact and she says that she checked with "experts" and they recommended three televisions per room. I can see the reasoning behind this advice if the room were going to be used for computer text, but I question three televisions in a room of this size. The Willits snack bar T.V. has a 23" screen and it can be seen from almost any position in the room. One set would propably be fine, two would be very good but three would be over-kill. The real problem I have here is that the proposal asks for a lot of equipment for one room and I question just how much of it will ever be used? Most of the time I assume it will be used for showing videos while the remainder of the equipment, i.e. projectors and audio, will be wasted. Perhaps this proposal originated with the Audio-Visual Needs Committee and they do feel that these rooms are needed as proposed. My own opinion is that this set-up would be extremely difficult to operate. The equipment would be better utilized if the set-up accomodated one or two functions only. This would allow for easy operation and little or no waste of equipment. No mention was made of an alarm system, however, I think this should be a primary concern for both rooms. The alarm system would increase the budget amount by approximately $400.

Cleveland L-2 and L-3 appear to need only a speaker system. The acoustics are fine and after checking with the Physics and Chemistry Departments who are frequent users of these rooms, I believe that the projectors have more than enough power to drive a speaker system and therefore recommend buying only speakers for around $796. The rooms have lab benches in front which rule out panel discussions by using multiple mics.

Electronic Services Department

MOUNT HOLYOKE COLLEGE SOUTH HADLEY, MASSACHUSETTS 01075

April 2, 1987

4/3 received

PMI Motion Technologies
49 Mall Drive
Commack, NY 11725-5703

From: William Farrington, Director
Room 3 Carr Lab
Mount Holyoke College
South Hadley, MA 01075

Enclosed is a faulty PMI motor which I am sending for repair (if possible) or replacement as per your suggestion. The armature is worn open in several spots. This motor is used in a PerSci 8 inch floppy disk drive in an NMR spectromoter. Without the motor, the instrument is inoperable so any help would be appreciated.

I can be reached by phone at 413-538-2073 if you have any questions. My billing and shipping address is found above. Thank you for your immediate attention.

Sincerely,

William Farrington
Director
Electronic Services

WWF:sr

DATE: February 11, 1988

TO: Bill Adams
Oliver Allyn
Harry Brock
Bill Farrington
Sheila Murphy
Patte O'Connor
Paul Ryack

FROM: Tricia Hamilton
Conference & Interior Design Coordinator

The attached equipment list was compiled from my and Dave Howland's meetings and conversations with each of you; would you please review the equipment and prices listed and send either confirmation or changes to my office by Wednesday, February 17.

Thank you very much for your cooperation.

cc Bruce Keyes, Assistant Business Manager
Jane Gustafson, Interior Designer

BLANCHARD STUDENT CENTER PROPOSED EQUIPMENT LIST

Prepared by T.Hamilton 2/12/88

WMHC Radio Station

A. Basic Equipment Needs

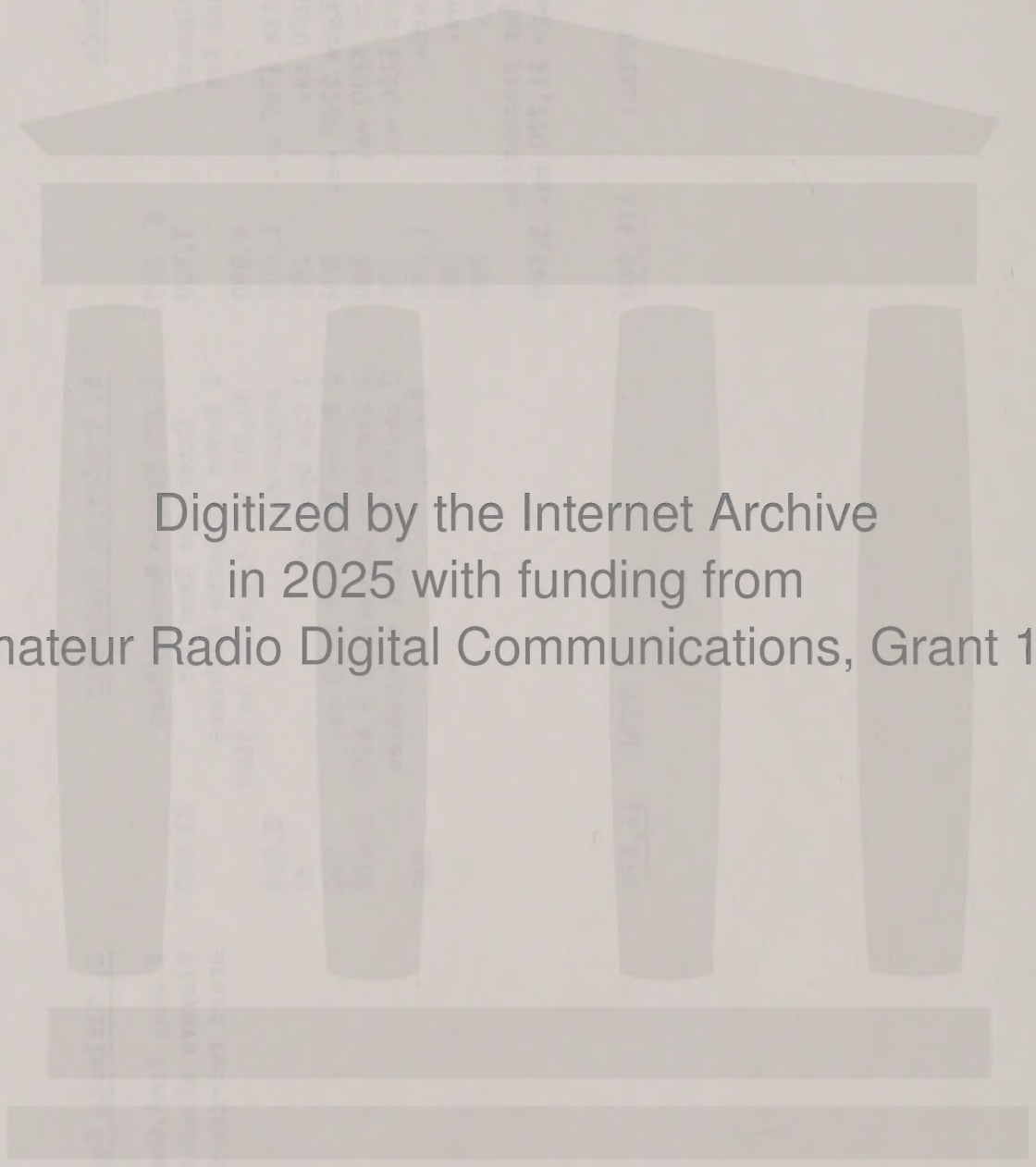
1 stereo tuner	$ 200
Remote control equipment	2,900
Console mixing board for production	4,000
2 Technics turntables $700 ea.	1,400
2 speaker phones $100 ea.	200
4 monitor loudspeakers $200 ea.	800
2 monitor amplifiers $100 ea.	200
2 cassette recorders $100 ea.	200
1 reel-to-reel recorder	1,000
6 microphones $50 ea.	300
4 headphones $50 ea.	200
Console furniture for production and on-the-air studio $1,770 ea.	3,540
TOTAL:	$14,940

B. Preferred Equipment

1 ITC Stereo Record/Play Cartridge Recorder	$3,000
2 Revox Cassette Machines $1,000 ea. (upgrade on $100 machines)	2,000
1 Cue Speaker	50
2 Booms & stands $150 ea.	300
2 Technics turntables @ $700	1,400
2 cartridges for turntables $60 ea.	120
TOTAL	$6,870

C. Ultimate Equipment

2 Sony Prof.Compact Disc Players w/remote $1,000 each	$2,000
Atari two-track reel-to-reel	$1,200
TOTAL	$3,200



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https://archive.org/details/newequipmenttran00mhco

Blanchard lighting unit for main entertainment area

4	6 x 12 Ellipsoidal Reflector spotlights $105 ea. Altman #360	$ 630	
6	Lamps for above DNF ORDGE 500W Quartz equivalent, E.G.E. 500W (30 ea. 12/case $26 ea.)	180	
8	6" Fresnel spotlights $45 ea. Altman #65	360	
10	Lamps for above BTL 500 W (12 @ $23 ea.)	276	
	All units to have 3 prong pin connectors ($400 each)	1,200	
	Installed ($3.50 each)	10.50	
			$2,656.50

Paging and background music - General area

Cable (1000 feet, Belden #8205)	apx.	$ 350.00	
Loudspeakers (20)	apx.	660.00	
Amplifier	apx.	675.00	
Microphone	apx.	45.00	
Tuner-background music	apx.	200.00	
Hardware and connectors	apx.	150.00	
			$2,080.00

Paging in the cafeteria area

Low power public address amplifier	apx.	$ 225.00	
Microphone	apx.	35.00	
Loudspeakers (4?)	apx.	125.00	
			$ 385.00

WMHC

In order to make the necessary connections to Mary Wooley Hall from Blanchard, WMHC will need the following.

2-2500 foot rolls of 2 pain number 22 gauge wire/Belden #9328	apx.	$ 1,734	
1-2500 foot roll of RG -6 coaxial cable/Belden #9146	apx.	310	
Connectors, hardware	apx.	125	
			$ 2,169.00

Blanchard copier (or use copier in Woolley Hall?)		$6,500
Graphic Center		
1 copy machine (Moore Business Systems) console or	$6,500	
Sharpe table-top copier	3,500	
1 drafting table (Guilds, Northampton)	172	
1 IBM Wheelwriter III Electric Typewriter (no memory)	533	
1 light box	125	
1 Kroy lettering machine	1,695	
(P. O'Conner needs approval ASAP)		
1 drafting chair (Guilds)	179	
		$9.204
Day Student Lounge		
3 computers & printers (MHC computer budget)		
1 tackboard (48" x 96") (B&G $1.65/sq. foot)	$ 55	
1 full mirror	25	
1 wall clock; includes quartz battery (Broadway)	40	
1 refrigerator; 3.11 cubic ft. (Broadway)	309	
		$429
Newspaper Room		
1 light table; 2 x 4, 40 degree angle Knox table top $240 (Valley Cinema) or 26" x 36" w/table (Broadway) $570 or *May be a useable one stored in Ham basement per Gary Laverdiere,B&G	$ 570	
1 tackboard; 80 sq. feet @ $1.65/ sq. ft.	140	
Desk top publishing *may have outside source		
2 stools for light table (26 3/4" to 32 1/4") $58 ea. (Broadway) * or use existing - see B&G	116	
		$826
Radio Station(other equipment)		
1 tackboard (48" x 96")	$ 55	
1 IBM Wheelwriter III typewriter (no memory)	533	
1 IBM PC with XyWrite package	1,300	
1 DOS printer	200	
1 answering machine (Broadway)	100	
2 step stools; Rubbermaid 13" height plastic rolling $38 each.	76	
1 Glass wall case; 24" X 36" (Broadway)	175	
1 Porcell dry erase board for glass case; 24" X 18" (Broadway)	36	
		$2,475
Women's Center		
3 tackboards (48" x 96") $55 ea.	$ 165	
Use existing table & floor lamps		
		$165

Yearbook

1 computer & printer	$1,500	
4 drafting tables 30" x 42" $172 each (Guilds)	688	
4 drafting chairs $179 each (Guilds)	716	
4 swivel drafting lights ($30-$100)	240	
2 tackboards 48"x96" $55 each	110	
		$3,254

Information Desk (see Bill Bennett - Hampshire to cooridnate w/5-Colleges)

1 computer & printer	$1,500	
1 IBM Wheelwriter III typewriter (Check w/ Kate Fahey)	533	
		$2,033

Contingency Budget Miscellaneous items deemed necessary after a few months of operation (tackboards, clocks, work lights, etc) $2,000

Signage costs ? (See Jane & Stan)	5,000	
Window treatment ?	3,000	
Reupholstery (2 sofas; 1 setee; 3 lounge chairs) (may have additional pieces later)	5,000	
		$13,000

TOTAL FOR BLANCHARD STUDENT CENTER EQUIPMENT REQUESTS (using WMHC A.equipment list) $62,116.50

Information Still Pending

Is the Calendar Office moving to Blanchard? If so, where?
Game Room Equipment
Literary Magazine furnishings

DATE: February 11, 1988

TO: Bill Adams
Oliver Allyn
Harry Brock
Bill Farrington
Sheila Murphy
Patte O'Connor
Paul Ryack

FROM: Tricia Hamilton
Conference & Interior Design Coordinator

The attached equipment list was compiled from my and Dave Howland's meetings and conversations with each of you; would you please review the equipment and prices listed and send either confirmation or changes to my office by Wednesday, February 17.

Thank you very much for your cooperation.

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2 monitor amplifiers $100 ea.	200
2 cassette recorders $100 ea.	200
1 reel-to-reel recorder	1,000
6 microphones $50 ea.	300
4 headphones $50 ea.	200
Console furniture for production and on-the-air studio $1,770 ea.	3,540
TOTAL:	$14,940

B. Preferred Equipment

1 ITC Stereo Record/Play Cartridge Recorder	$3,000
2 Revox Cassette Machines $1,000 ea. (upgrade on $100 machines)	2,000
1 Cue Speaker	50
2 Booms & stands $150 ea.	300
2 Technics turntables @ $700	1,400
2 cartridges for turntables $60 ea.	120
TOTAL	$6,870

C. Ultimate Equipment

2 Sony Prof.Compact Disc Players w/remote $1,000 each	$2,000
Atari two-track reel-to-reel	$1,200
TOTAL	$3,200

Blanchard lighting unit for main entertainment area

4	6 x 12 Ellipsoidal Reflector spotlights $105 ea. Altman #360	$ 630	
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8	6" Fresnel spotlights $45 ea. Altman #65	360	
10	Lamps for above BTL 500 W (12 @ $23 ea.)	276	
	All units to have 3 prong pin connectors ($400 each)	1,200	
	Installed ($3.50 each)	10.50	
			$2,656.50

Paging and background music - General area

Cable (1000 feet, Belden #8205)	apx.	$ 350.00	
Loudspeakers (20)	apx.	660.00	
Amplifier	apx.	675.00	
Microphone	apx.	45.00	
Tuner-background music	apx.	200.00	
Hardware and connectors	apx.	150.00	
			$2,080.00

Paging in the cafeteria area

Low power public address amplifier	apx.	$ 225.00	
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WMHC

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Information Still Pending

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Game Room Equipment
Literary Magazine furnishings

NH Conference Office

INTEROFFICE MEMO

TO: Bill Farrington DATE: April 6, 1988

FROM: Tricia Hamilton SUBJECT: Blanchard Campus Center

Attached is a copy of the equipment approved by Sheila Murphy for purchase for the Blanchard Campus Center. Please use this as a guideline when making orders for equipment and call me if you find any big discrepancies.

Thanks very much,

TH

Conference Office

INTEROFFICE MEMO

TO: [illegible] DATE: April 6 1988

FROM: Trish Hamilton SUBJECT: Blanchard Campus Center

Attached is a copy of the equipment approved by Sheila Murphy for purchase for the Blanchard Campus Center. Please use this as a guideline when making orders for equipment and call me if you find any big discrepancies.

Thanks very much,

Blanchard lighting unit for main entertainment area

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1 case (per Oliver) Lamps for above DNF ORDGE 500W Quartz equivalent, E.G.E. 500W (12/case @ $26 ea.)	312	
1 case (per Oliver) 6" Fresnel spotlights Altman #65 (12/case @ $23 ea.)	276	
10 Lamps for above BTL 500 W (12 @ $23 ea.)	276	
All units to have 3 prong pin connectors ($4.00 x 14)	56	
Installed ($3.50 x 14)	49	
		$1,599.00

Paging and background music - General area

Cable (1000 feet, Belden #8205)	apx.	$ 350.00	
Loudspeakers (20)	apx.	660.00	
Amplifier	apx.	675.00	
Microphone	apx.	45.00	
Tuner-background music	apx.	200.00	
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WMHC

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Hookup ~~RG~~ 9451 16108 59730 4C23C

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1-2500 foot roll of RG -6 coaxial cable/Belden #9146	apx.	310	
Connectors, hardware	apx.	125	
			$ ~~2,169.00~~

RE 11-0-74

November 3, 1989

To: WMHC

From: Bill Farrington

The following is the list of equipment we discussed with prices.

1 Audio Cord Stereo record/play Cart machine for production----$1830.00
1 Audio Cord Stereo playback only cart machine for air studio--$1090.00
1 Tascam 112 Cassette machine for main studio------------------$ 496.00
2 Tascam CD 401 Compact Disk Players ----main studio----------$ 598.00
$ 598.00
5 Compact Disk Racks ----------$ 106each---$ 530.00
Modulation Monitor too expensive at this time

The following equipment is to be purchased with WMHC Equipment Budget.

4 Sennheiser Headphones Model 450 ----------$ 63 each--$ 252.00
8 Replacement Needles ----------$ 30 each--$ 240.00

The following equipment is to be purchased with the WMHC PARTY Budget

2 Technics SL-1200 MK11 Turntables ----------$389.00
$389.00
2 Stanton 500AL Cartridges for above turntables ----------$ 33.00

2 Used Electrovoice Speakers and 1 Used Coffin ----------

The above equipment has not been ordered as of this date. I will be gone the week of November 6. I can be reached by e-mail. Paul knows how to do this. This equipment can be ordered any time next week. Get in touch with me and I can have one of my people take care of things. I may be able to be Reached In The evenings at The Lowell H. How Phone may be 508 454-5080

I will be back Next Friday Afternoon

November 3, 1989

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WMHC 91.5 F.M. South Hadley, MA.
Transmitter Power Table

Channel 1.....Turns The Transmitter ON and OFF
The UP ARROW is ON
The DOWN ARROW is OFF
Ignore Meter readings.
IF YOU ARE ON THE AIR THE NUMBER 1 STATUS LIGHT WILL BE ON

Channel 2.....Is the Collector VOLTAGE
This value must be entered
in the TRANSMITTER LOG.
Channel 2 also can raise or
lower power. See below.

Channel 3.....Is the Collector CURRENT.
This value must be entered
in the TRANSMITTER LOG.

To determine the POWER READING you MUST
Multiply the VOLTAGE READING
times the CURRENT READING
times the number .5052, which
is the efficiency factor of the
transmitter. THIS VALUE then gets
entered into the power column on
the log.

WMHC is licensed for a transmitter output power of 57 Watts. Our antenna system has a gain factor of 2. Our cable to the antenna has loss of 7 watts. This is the reason the 57 watts of transmitter power can give us our 100 Watts of ERP.....

F.C.C. rules require WMHC to remain no more than 5% above or 10% below our licensed power.
These numbers are 59.85 Watts MAX., and 51.3 Watts MIN.
The operator on duty is required to see that these limits of power are met.

POWER IS ADJUSTED AS FOLLOWS-only a licensed operator may perform this.

Take the present meter reading. If you find them to be beyond the limits LOG the present reading. Then select Channel 2 on the REMOTE CONTROL panel. The UP ARROW in CHANNEL 2 will RAISE POWER. The DOWN ARROW will LOWER POWER. Only a SHORT PRESS is necessary. After making the change figure out the power again. If you have gone too far repeat the process. When you have a power level within the limits log the new readings, and write down on the transmitter log that you Raised/Lowered power. Include the time and date.
Some typical readings:

IDEAL METER READINGS
57 WATTS.....20.5 VOLTS.....5.6 AMPS
MAX. METER READINGS
59.85 WATTS 21.0 VoltS 5.7 AMPS
MIN. METER READINGS
51.3 WATTS 19.0 VOLTS 5.2 AMPS
Meter readings will change slightly. As long as the calculated power is within the above limits don't be concerned about the exact values of Voltage and Current.
Gross changes should be reported to your student engineer and she will report the problem to Bill Farrington in Electronic services

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